rotational devices **806** are used to connect the members **804** of the hinge mechanism **18** to the base **802** and second rotational devices **808** are used to connect the members **804** of the hinge mechanism **18** to the display device **114**.

[0065] The first and second rotational devices **806**, **808** are configurable in a variety of ways. For example, clutches (e.g., electromagnetic, mechanical, and so on) are includable and controlled by a rotation control module **810**. The rotation control module **810** is configured to leverage sensors **812** to detect when to engage and disengage the clutches.

[0066] FIG. **13** depicts an example implementation **1300** in which the display device **114** is positioned in relation to the base **802** using first and second stages **1302**, **1304**. The sensors **812** may include touchscreen sensors configured as part of the display device, at a side **814** of a housing of the display device **114**, at a rear **88** that is disposed on an opposing side to that of a display of the display device **114**, and so forth.

[0067] An output of the sensors **812**, when processed by the rotation control module **810** is usable to detect when to permit rotation of the first and second rotation devices **806**, **808**. For example, the rotation control module **810** may detect that the display device **114** is being grasped by a hand of a user, and in response disengage the first and second rotation devices **806**, **808**, allowing the display device **114** to be positioned as desired in relation to the base **802** as described by a user.

[0068] When so positioned, the user may release the grip, which is detected by the rotational control module **810** using the sensors **812** and in response causes clutches of the first and second rotation devices **806**, **808** to re-engage. In this way, the display device **114** may be efficiently positioned by a single hand of a user as desired, even in instances where the display device **114** has a relatively large size, e.g., 24 inches and larger.

[0069] Additionally, the rotation control module **810** may be configured to protect the computing device, such as to permit or prevent certain configurations to avoid configurations in which the display device **114** makes contact with the base **802**, is off-balance, restricts a lower edge of the display device **114** from making contact with a surface on which the base **802** rests, and so forth.

[0070] Returning to FIG. **9**, a front view of the computing device **102** is shown. In this example, the display device **114** includes a "glass to the edge" configuration in which the display reaches to an edge between a front and side surfaces. The display device **114** has a thickness of less than nine millimeters (e.g., 8.5 millimeters), and includes microphones, a three-dimensional camera as part of the display, speakers and a rubber bumper along the bottom, removable storage (e.g., SD) and a USB connection along the side.

[0071] FIG. **11** depicts a rear of the computing device **102**. In this example, a connection portion **1902** is shown that support a connection between the hinge mechanism **18** and the display device **114**. The display device **114** has a curved rear housing, which provides stiffness and torsional rigidity across the surface of the display of the display device **114**. Backlight LEDs or other light output devices **1104** are included at the sides that may be used to provide a complementary light output to which is displayed by the display device **114**.

[0072] The connection portion **1102** in this example has a wedge shape, which may be used to housing hardware components of the computing device **102**. In one implementation, the connection portion **1102** is permanently fixed to the display device **114**. In another example, the connection portion **1102** is removable such that the display device **102** is separable from the connection portion **1102**.

[0073] For example, the display device **102** may be configured as a tablet computer that is removably connected to the connection portion **1102** and thus the base **802** of the computing device **102**. The rotational control module **810**, for instance, may be configured to detect that a user has grasped the display device **114** via a single hand and thus permit rotation and when grasped by two hands cause separation of the connection portion and the display device **114**. In another instance, the rotational control module **810** may be configured to detect that a user has grasped the display device **114** using two fingers and thus permit rotation and when grasped by more than two fingers cause separation of the connection portion and the display device **114**

[0074] The base **802** may include hardware components to complement tablet functionality of the display device **114**, such as additional hardware, data storage, and/or network connectivity. The display device **114** may be communicatively coupled to the base **802** in a variety of ways, such as a wired connection through the members **804**, a wireless connection, and so forth.

[0075] The computing device **102** may include a variety of other features. For example, a keyboard may be included on a surface of the base **802**. Additionally, a projector may be included on the display device **114** and/or base to project an image of a keyboard with which user interaction is detected through use of a three-dimensional camera. The base **802** may also include stepped edges to support the modular configuration previously described as well as a thermal system, such as to draw in air from a front and exhaust through the sides and back.

[0076] Example Procedures

[0077] The following discussion describes modular computing device techniques that may be implemented utilizing the previously described systems and devices. Aspects of each of the procedures may be implemented in hardware, firmware, or software, or a combination thereof. The procedures are shown as a set of blocks that specify operations performed by one or more devices and are not necessarily limited to the orders shown for performing the operations by the respective blocks. In portions of the following discussion, reference will be made to FIGS. **1-13**.

[0078] FIG. **14** is a flow diagram depicting a procedure **1400** in an example implementation in which the modular computing device of FIG. **1** is assembled through stacking. A plurality of modular components **116** are obtained, each of the modular components having a respective housing configured to form a stackable arrangement, one to another (block **1402**). Examples of module components include display modular components **108**, computing modular component **118**, accessory module component **126**, and so on. The plurality of modular components **116** are stacked to form a computing device **102** (block **1404**), and thereby may have varied functionality as desired by a user.

[0079] Example System and Device

[0080] FIG. **15** illustrates an example system generally at **1500** that includes an example computing device **1502** that is representative of one or more computing systems and/or devices that may implement the various techniques described herein. The computing device **1502** may be, for example, a server of a service provider, a device associated with a client (e.g., a client device), an on-chip system, and/or any other suitable computing device or computing system.